

Title (en)

AN ASSEMBLY TO CONTROL OR GOVERN RELATIVE SPEED OF MOVEMENT BETWEEN PARTS

Title (de)

ANORDNUNG ZUR STEUERUNG ODER LENKUNG DER RELATIVEN GESCHWINDIGKEIT DER BEWEGUNG ZWISCHEN TEILEN

Title (fr)

ENSEMBLE PERMETTANT DE CONTRÔLER OU DE COMMANDER LA VITESSE RELATIVE DE MOUVEMENT ENTRE DES PARTIES

Publication

EP 3084941 B1 20240228 (EN)

Application

EP 14872681 A 20141216

Priority

- NZ 61903413 A 20131216
- NZ 2014000245 W 20141216

Abstract (en)

[origin: WO2015093983A1] Described herein is an assembly and methods of use thereof for controlling or governing the relative speed of motion between the assembly parts via eddy current formation. The assembly and methods also may minimise the number of parts required and may minimise the number of moving parts thereby increasing the mechanical durability of the assembly compared to art designs that may have more moving parts and greater part complexity.

IPC 8 full level

H02K 49/04 (2006.01); **A62B 35/00** (2006.01); **A63G 21/20** (2006.01); **H02K 49/02** (2006.01)

CPC (source: EP KR US)

A62B 1/06 (2013.01 - KR); **A62B 35/0093** (2013.01 - KR US); **A63G 21/20** (2013.01 - KR US); **H02K 49/043** (2013.01 - EP KR US); **H02K 2213/03** (2013.01 - EP US)

Citation (examination)

- US 5495131 A 19960227 - GOLDIE JAMES H [US], et al
- CN 103326538 A 20130925 - CHANGZHOU BONENG ENERGY SAVING TECHNOLOGY CO LTD

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2015093983 A1 20150625; AU 2014367356 A1 20160623; AU 2019201311 A1 20190314; AU 2019201311 B2 20210325; AU 2021204270 A1 20210722; AU 2021204270 B2 20220908; AU 2022218456 A1 20220908; AU 2022218456 B2 20240502; AU 2024202100 A1 20240502; BR 112016013700 A2 20170808; BR 112016013700 B1 20220303; CA 2933045 A1 20150625; CA 2933045 C 20231003; CN 105993120 A 20161005; CN 114301259 A 20220408; EP 3084941 A1 20161026; EP 3084941 A4 20170809; EP 3084941 B1 20240228; EP 4389248 A2 20240626; JP 2017505094 A 20170209; JP 2020025455 A 20200213; JP 2022009144 A 20220114; JP 2023015386 A 20230131; JP 6581089 B2 20190925; JP 6962977 B2 20211105; JP 7184993 B2 20221206; JP 7381166 B2 20231115; KR 102316382 B1 20211022; KR 102409249 B1 20220614; KR 102547218 B1 20230626; KR 20160098297 A 20160818; KR 20210130821 A 20211101; KR 20220082107 A 20220616; KR 20230093549 A 20230627; MX 2016007849 A 20161207; MX 2020011623 A 20201207; NZ 619034 A 20150327; SG 10201805077S A 20180730; SG 11201604807T A 20160728; US 10300397 B2 20190528; US 10603596 B2 20200331; US 11266917 B2 20220308; US 11628373 B2 20230418; US 2016317936 A1 20161103; US 2019232179 A1 20190801; US 2020261810 A1 20200820; US 2022226741 A1 20220721

DOCDB simple family (application)

NZ 2014000245 W 20141216; AU 2014367356 A 20141216; AU 2019201311 A 20190226; AU 2021204270 A 20210623; AU 2022218456 A 20220815; AU 2024202100 A 20240402; BR 112016013700 A 20141216; CA 2933045 A 20141216; CN 201480075517 A 20141216; CN 202111254914 A 20141216; EP 14872681 A 20141216; EP 24160077 A 20141216; JP 2016538788 A 20141216; JP 2019156868 A 20190829; JP 2021168761 A 20211014; JP 2022187386 A 20221124; KR 20167017695 A 20141216; KR 20217033498 A 20141216; KR 20227019061 A 20141216; KR 20237020782 A 20141216; MX 2016007849 A 20141216; MX 2020011623 A 20160615; NZ 61903413 A 20131216; SG 10201805077S A 20141216; SG 11201604807T A 20141216; US 201415104949 A 20141216; US 201916378463 A 20190408; US 202016799339 A 20200224; US 202217651521 A 20220217